Computer Methods in Applied Mechanics and Engineering 97 (1992) 447–448
North-Holland

Cumulative contents

Volume 97, No. 1, May 1992

Parametric instability of rectangular plates by the energy based finite difference method [CMA 221]
J.P. Singh and S.S. Dey 1

On the finite element dynamic analysis of flexible mechanisms [CMA 220]
Y.A. Khulief 23

A computational procedure for part design [CMA 166]
G. Anagnostou, E.M. Rønquist and A.T. Patera 33

Numerical study of an intrinsic component mode synthesis method [CMA 219]
F. Bourquin and F. d'Hennezel 49

A cost comparison of boundary element and finite element methods for problems of time-harmonic acoustics [CMA 105]
I. Harari and T.J.R. Hughes 77

Analysis of continuous formulations underlying the computation of time-harmonic acoustics in exterior domains [CMA 107]
I. Harari and T.J.R. Hughes 103

Mixed finite element methods for the circular arch problem [CMA 224]
B.D. Reddy and M.B. Volpi 125

Instructions to authors 147

Volume 97, No. 2, June 1992

Improved numerical dissipation for time integration algorithms in conduction heat transfer [CMA 216]
R.E. Cornwell and D.S. Malkus 149

What are C and h?: Inequalities for the analysis and design of finite element methods [CMA 161]
I. Harari and T.J.R. Hughes 157

Circumventing the Babuška–Brezzi condition in mixed finite element approximations of elliptic variational inequalities [CMA 215]
H.J.C. Barbosa and T.J.R. Hughes 193

The p-version of the finite element method for the elliptic boundary value problems with interfaces [CMA 223]
H.-S. Oh and I. Babuška 211

On the L_2 error for the p-version of the finite element method over polygonal domains [CMA 227]
S. Jensen and M. Suri 233

Adaptive implicit/explicit finite element methods for axisymmetric viscous turbulent flows with moving boundaries [CMA 217]
W.W. Tworzydlo, C.Y. Huang and J.T. Oden 245

Instructions to authors 289

Volume 97, No. 3, June 1992

Penalty-combined method and applications in solving elliptic problems with singularities [CMA 228]
Z.C. Li and T.D. Bui 291

An improved numerical integration technique for boundary integral evaluation in anisotropic plate problems [CMA 277]
Z. Heng and D. McCammond 317

Calculation of the opening displacement of surface-breaking plane cracks [CMA 231]
J.N. Dewynne, D.A. Hills and D. Nowell 321

Using a reduced number of Lagrange multipliers for assembling parallel incomplete field finite element approximations [CMA 226]
C. Farhat and M. Geradin 333

A field-consistent and variationally correct representation of transverse shear strains in the nine-noded plate element [CMA 230]
B.P. Naganarayana, G. Prathap, B. Dattaguru and T.S. Ramamurty 355

A finite element model of crack growth in a finite body in the context of mode I linear viscoelastic fracture [CMA 229]
M.K. Warby, J.R. Walton and J.R. Whiteman 375

Recent experiences with error estimation and adaptivity, Part I: Review of error estimators for scalar elliptic problems [CMA 225]
T. Strouboulis and K.A. Haque 399

Author index 437

Subject index 439

Instructions to authors 445

Cumulative contents 447